

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086791.D
 Acq On : 7 May 2016 23:28
 Operator : UM/SJ
 Sample : H2882-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14

Quant Time: May 08 04:03:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165381	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	674219	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	316080	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	568486	40.00	ng	0.00
75) Chrysene-d12	13.85	240	383930	40.00	ng	0.00
86) Perylene-d12	15.22	264	299923	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	714873	71.56	ng	0.01
7) Phenol-d6	6.36	99	589714	43.82	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1219193	92.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	484246	156.61	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1986259	103.01	ng	0.00
78) Terphenyl-d14	12.81	244	1595399	83.98	ng	0.00

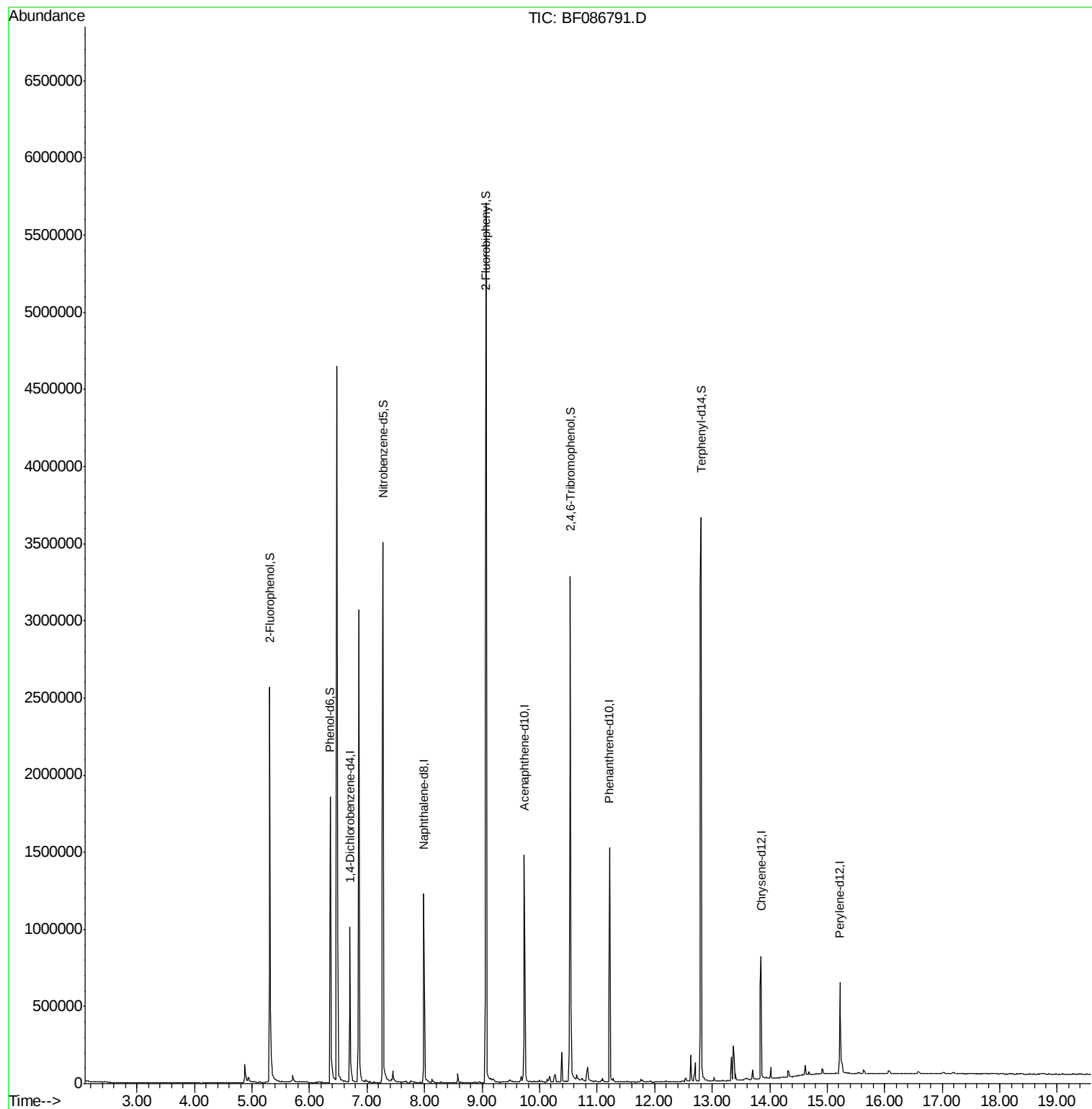
Target Compounds	Qvalue
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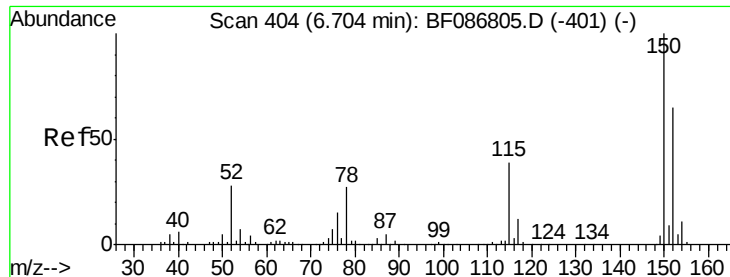
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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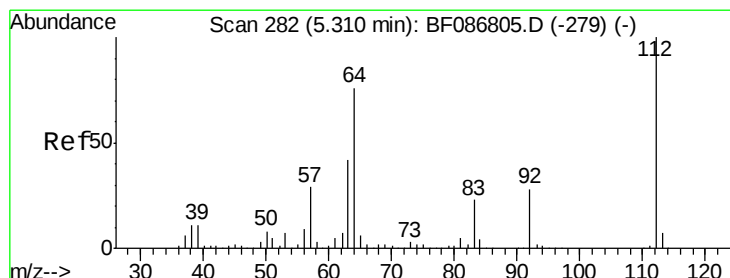
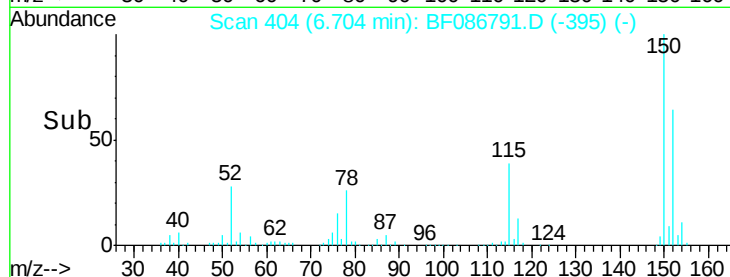
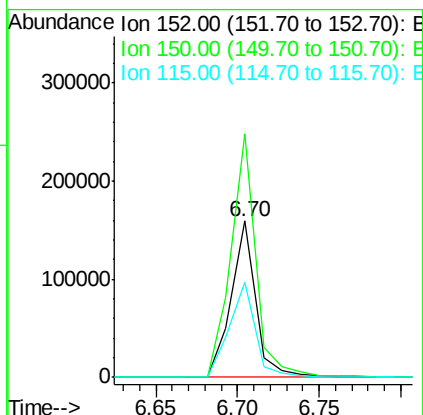
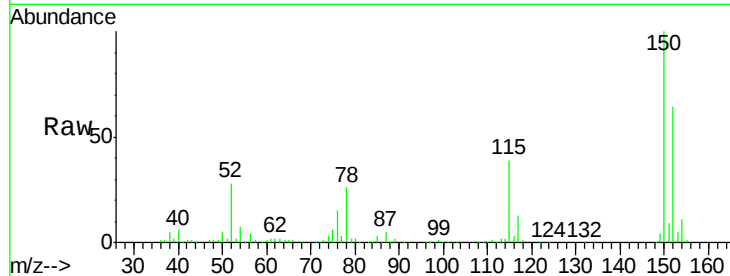


#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
MWHR3-14

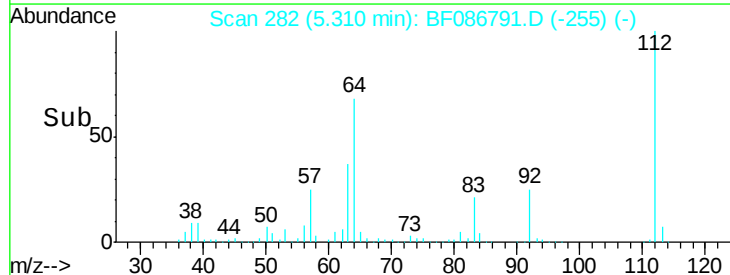
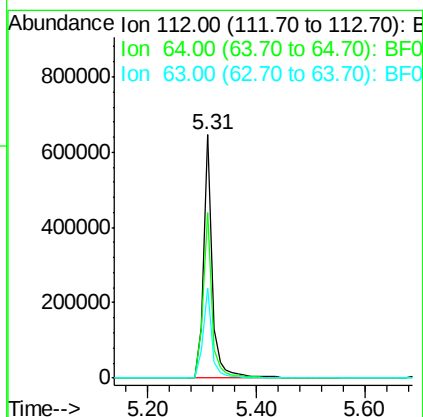
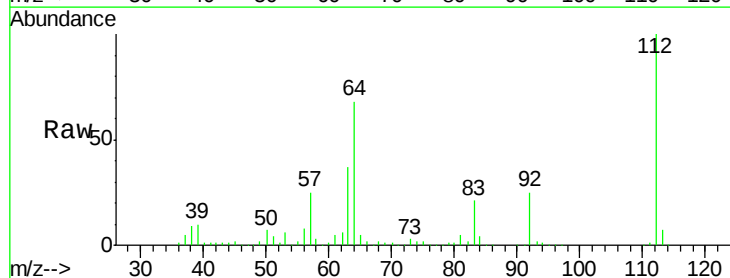
Tgt Ion:152 Resp: 165381
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 61.3 51.5 77.3

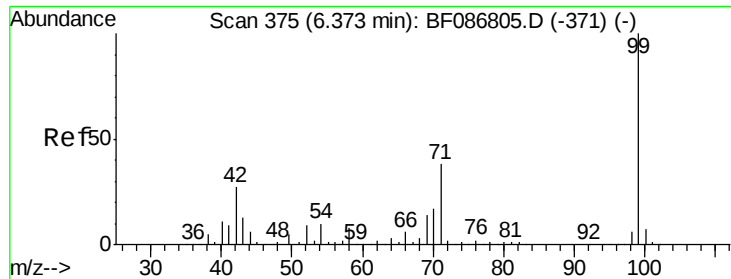


#5

2-Fluorophenol
Concen: 71.56 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Tgt Ion:112 Resp: 714873
Ion Ratio Lower Upper
112 100
64 68.0 52.1 78.1
63 37.0 25.7 38.5





#7

Phenol-d6

Concen: 43.82 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

MWHR3-14

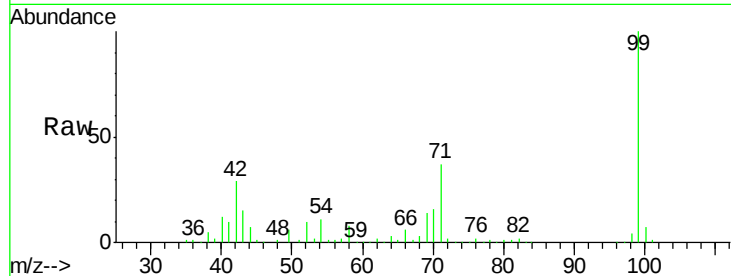
Tgt Ion: 99 Resp: 589714

Ion Ratio Lower Upper

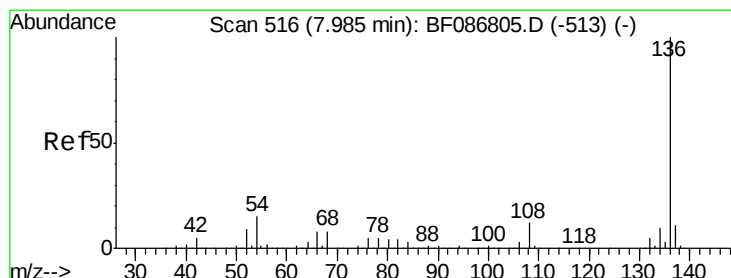
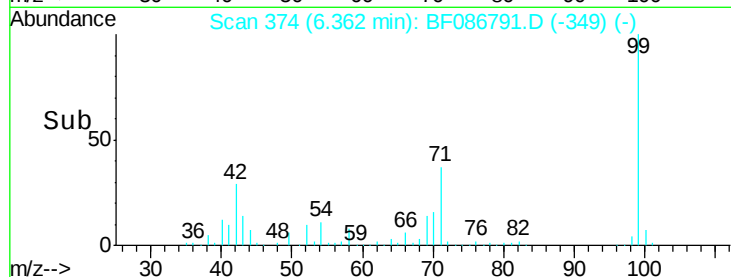
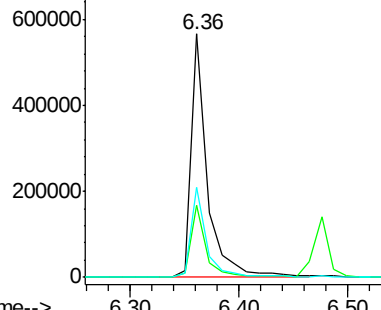
99 100

42 29.4 13.6 20.4#

71 37.2 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Tgt Ion: 136 Resp: 674219

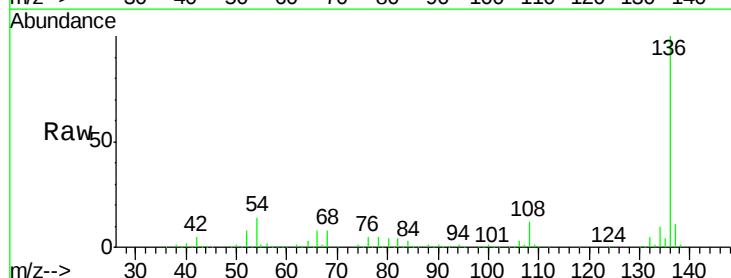
Ion Ratio Lower Upper

136 100

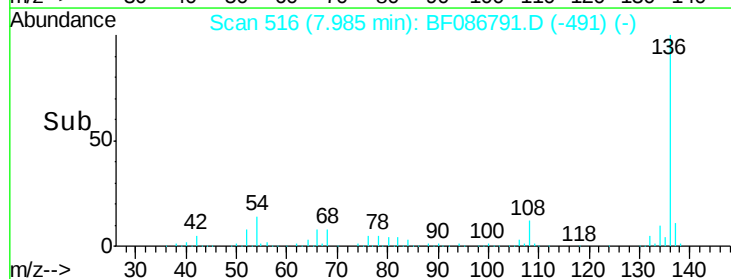
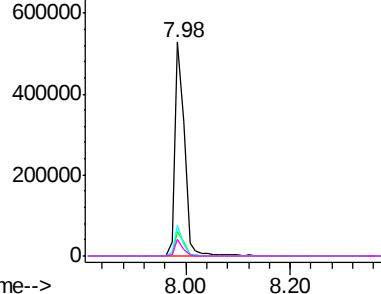
137 11.3 8.8 13.2

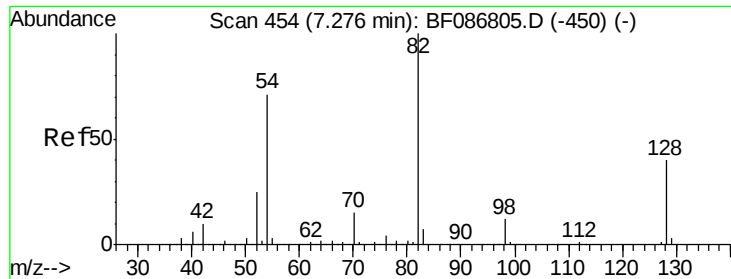
54 14.4 5.0 7.4#

68 7.9 4.4 6.6#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

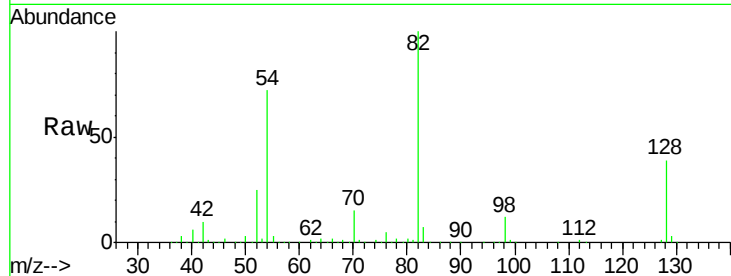




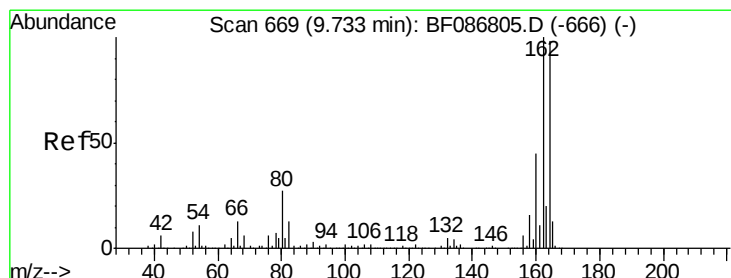
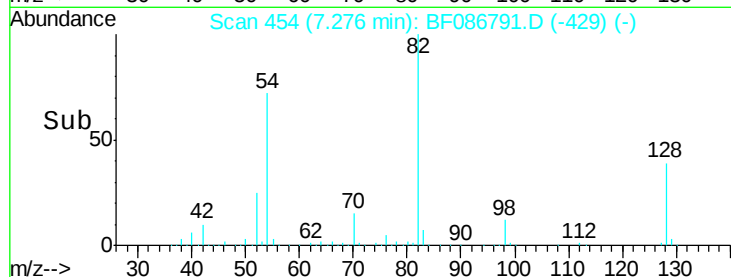
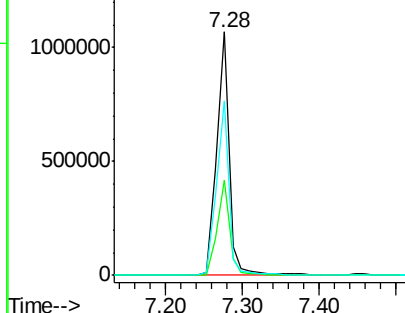
#23
 Nitrobenzene-d5
 Concen: 92.92 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086791.D
 Acq: 7 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14

Tgt Ion: 82 Resp: 1219193
 Ion Ratio Lower Upper
 82 100
 128 38.9 40.6 61.0#
 54 71.8 38.1 57.1#

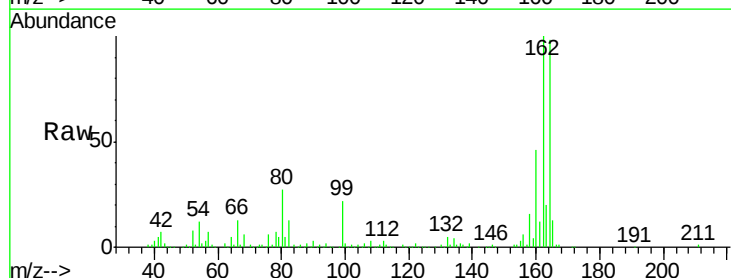


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

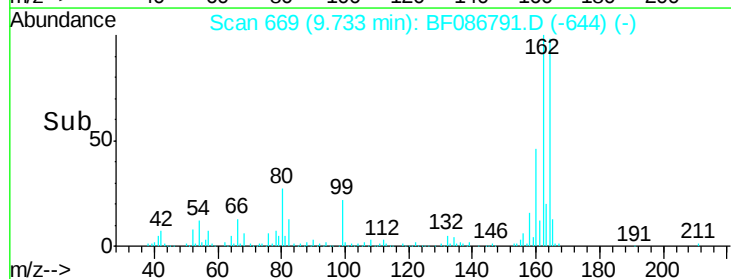
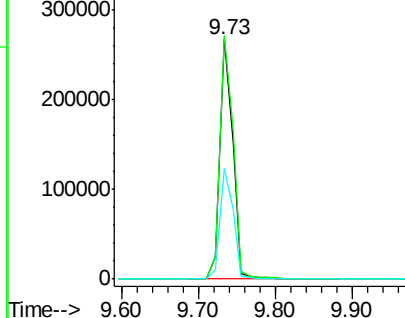


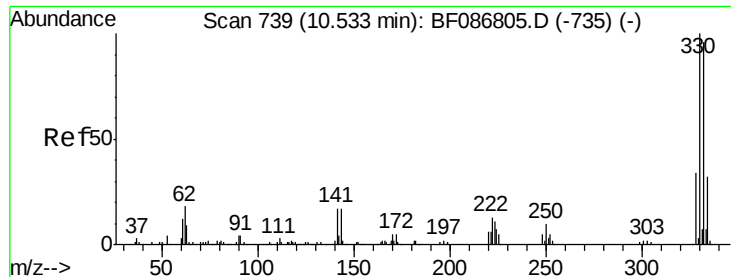
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086791.D
 Acq: 7 May 2016 23:28

Tgt Ion: 164 Resp: 316080
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.8 124.2
 160 46.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

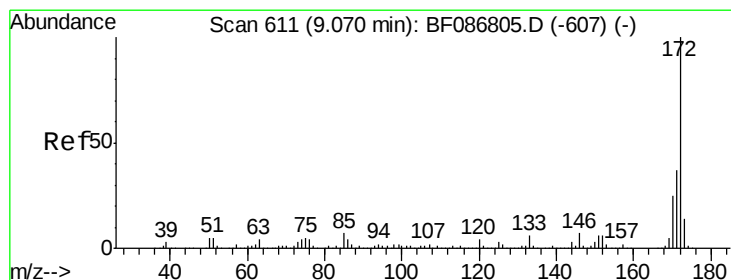
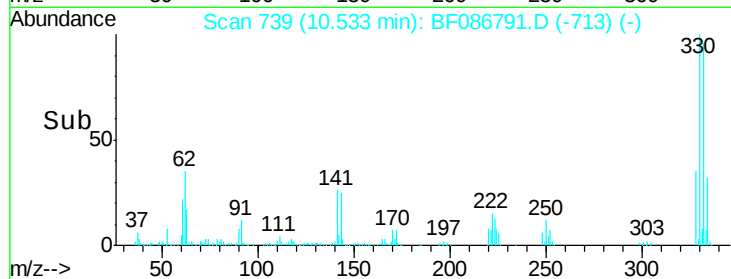
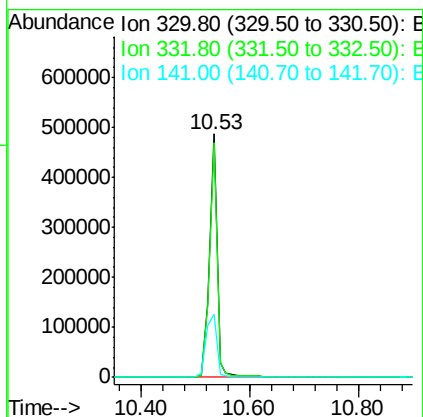
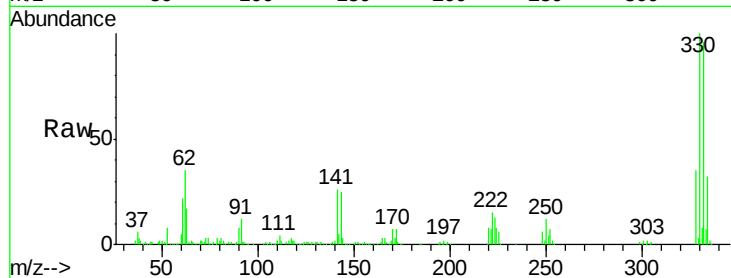




#41
 2,4,6-Tribromophenol
 Concen: 156.61 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086791.D
 Acq: 7 May 2016 23:28

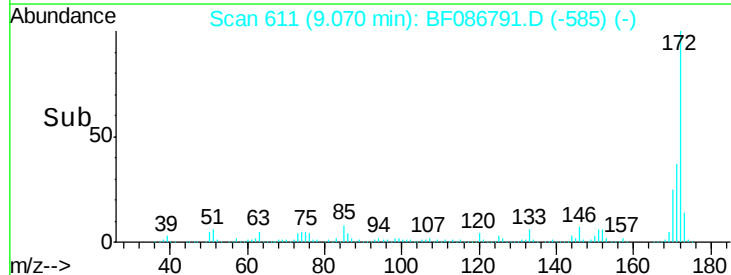
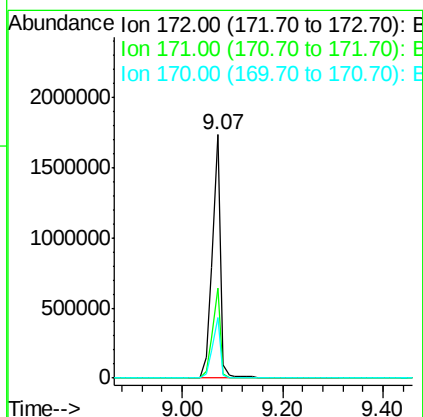
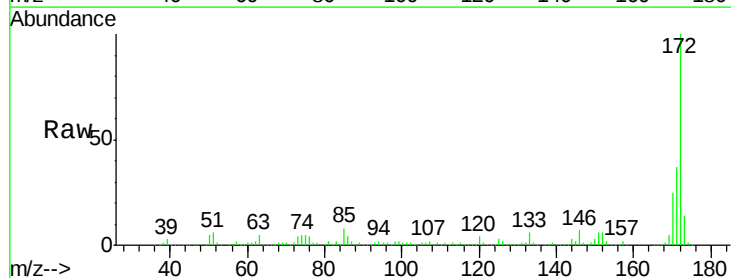
Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14

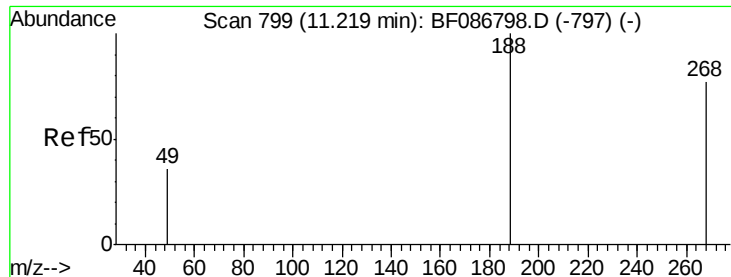
Tgt Ion:330 Resp: 484246
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 36.5 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 103.01 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086791.D
 Acq: 7 May 2016 23:28

Tgt Ion:172 Resp: 1986259
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.1 19.8 29.8

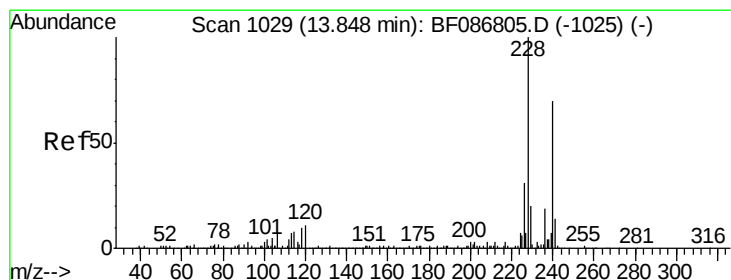
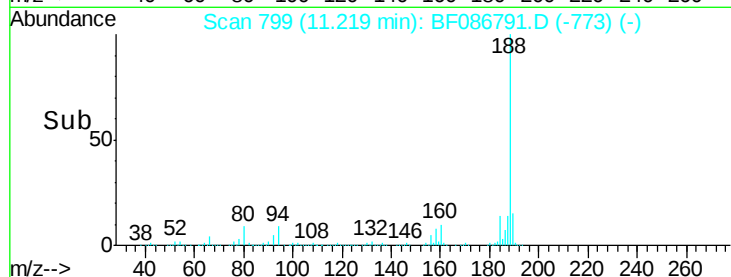
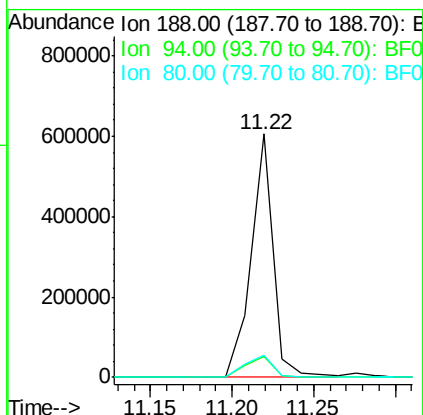
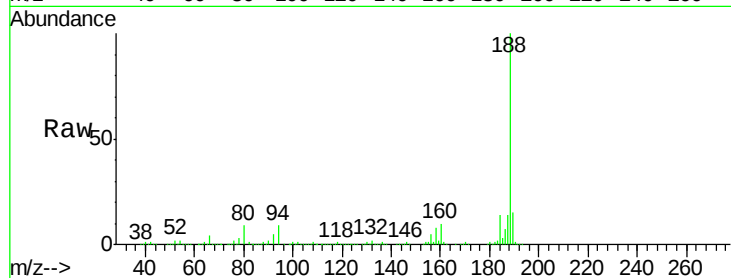




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

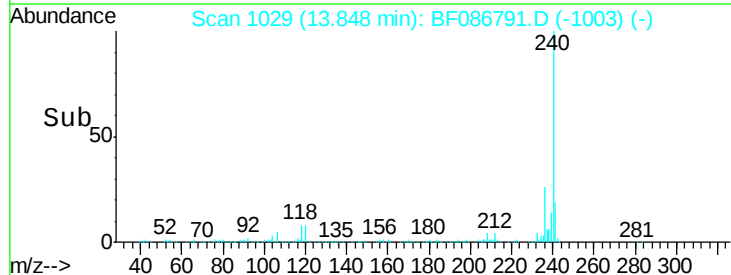
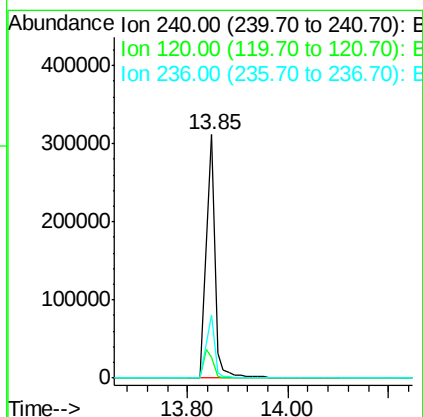
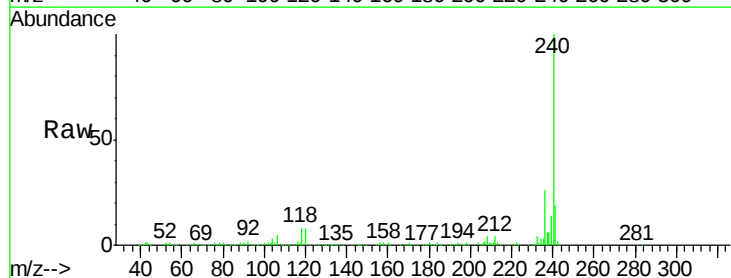
Instrument :
BNA_F
ClientSampleId :
MWHR3-14

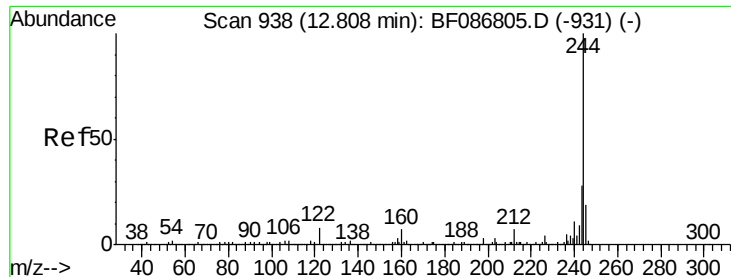
Tgt Ion:188 Resp: 568486
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.1 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Tgt Ion:240 Resp: 383930
Ion Ratio Lower Upper
240 100
120 8.4 11.2 16.8#
236 25.9 21.2 31.8





#78

Terphenyl-d14

Concen: 83.98 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

MWHR3-14

Tgt Ion:244 Resp: 1595399

Ion Ratio Lower Upper

244 100

212 7.3

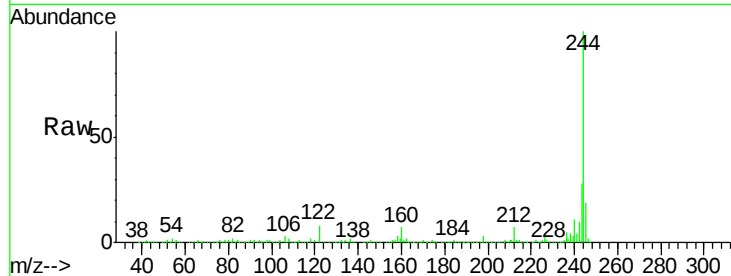
6.2

9.2

122 8.0

12.0

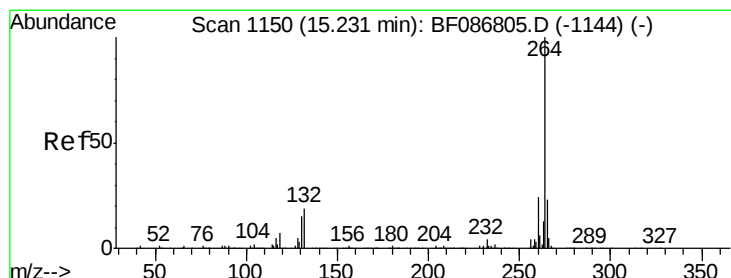
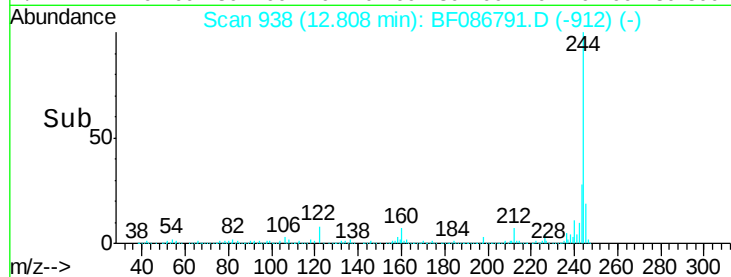
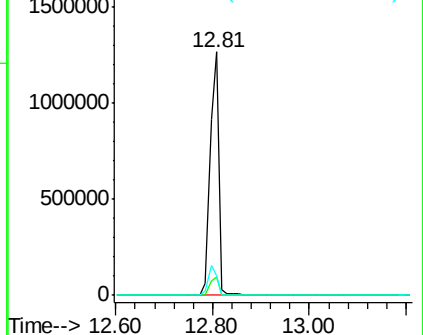
18.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Tgt Ion:264 Resp: 299923

Ion Ratio Lower Upper

264 100

260 24.3

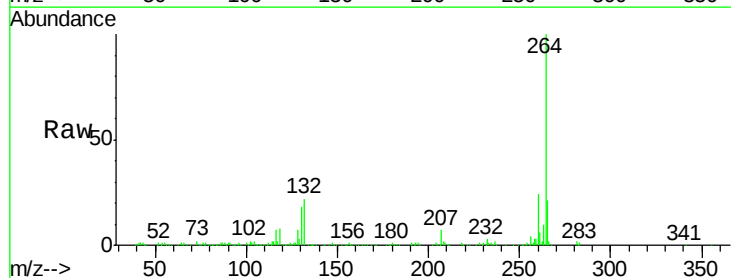
19.5

29.3

265 21.4

17.3

25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

